

**WHAT IS CLAIMED IS:**

1. A vaccine against disease conditions associated with Avian Malabsorption Syndrome which comprises avian reovirus and avian adenovirus in a pharmaceutically acceptable carrier.  
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2. An Avian Malabsorption Syndrome disease vaccine, comprising at least two live, live-attenuated or inactivated viruses, wherein at least one virus is an avian reovirus, and at least one virus is an avian adenovirus.  
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3. A vaccine against disease conditions associated with Avian Malabsorption Syndrome which comprises avian reovirus and avian adenovirus and at least one other virus which infects poultry.
- 15 4. A vaccine according to any of claims 1 to 3 comprising about  $10^4 - 10^{10}$  TCID<sub>50</sub> of inactivated avian reovirus and about  $10^4 - 10^{10}$  TCID<sub>50</sub> of inactivated avian adenovirus.
- 20 5. The vaccine according to any of claims 1 to 4, further comprising at least one other virus which affects poultry.
6. The vaccine of claim 5, wherein said virus is Birna-like virus.
- 25 7. A vaccine according to any of claims 1 to 6 comprising about  $10^2 - 10^6$  TCID<sub>50</sub> of live avian reovirus and about  $10^2 - 10^6$  TCID<sub>50</sub> of live avian adenovirus.
8. A method of producing a vaccine against disease conditions from Avian Malabsorption Syndrome, which comprises isolating suitable specimens of avian reovirus and avian adenovirus, and then incorporating the isolated viruses with a pharmaceutically acceptable carrier into a vaccine.  
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9. A method of vaccinating against disease conditions associated with Avian Malabsorption Syndrome, which comprises administering to poultry a vaccine containing avian reovirus and avian adenovirus.

10. Use of at least one avian reovirus and at least one avian adenovirus for the manufacture of a medicament for vaccination of poultry against disease conditions associated with Avian Malabsorption Syndrome.